

● PRINTER RUSH ●

(PTO ASSISTANCE)

Application : <u>09975776</u>	Examiner : <u>Lewin</u>	GAU : <u>1614</u>
From: <u>J. Black</u>	Location: <u>(IDC)</u> FMF FDC	Date: <u>9/12/05</u>
Tracking #: <u>06108602</u>		Week Date: <u>5/23/05</u>

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input type="checkbox"/> Other
<input type="checkbox"/> DRW	_____	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input type="checkbox"/> SPEC	_____	

Attn Chief Draftsman:

[RUSH] MESSAGE:	_____
	<u>Drawings contain shaded background.</u>

	<u>Please review.</u>

[XRUSH] RESPONSE:	_____
	<u>Drawing corrected</u>

	INITIALS: <u>CBR</u>

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.
REV 10/04

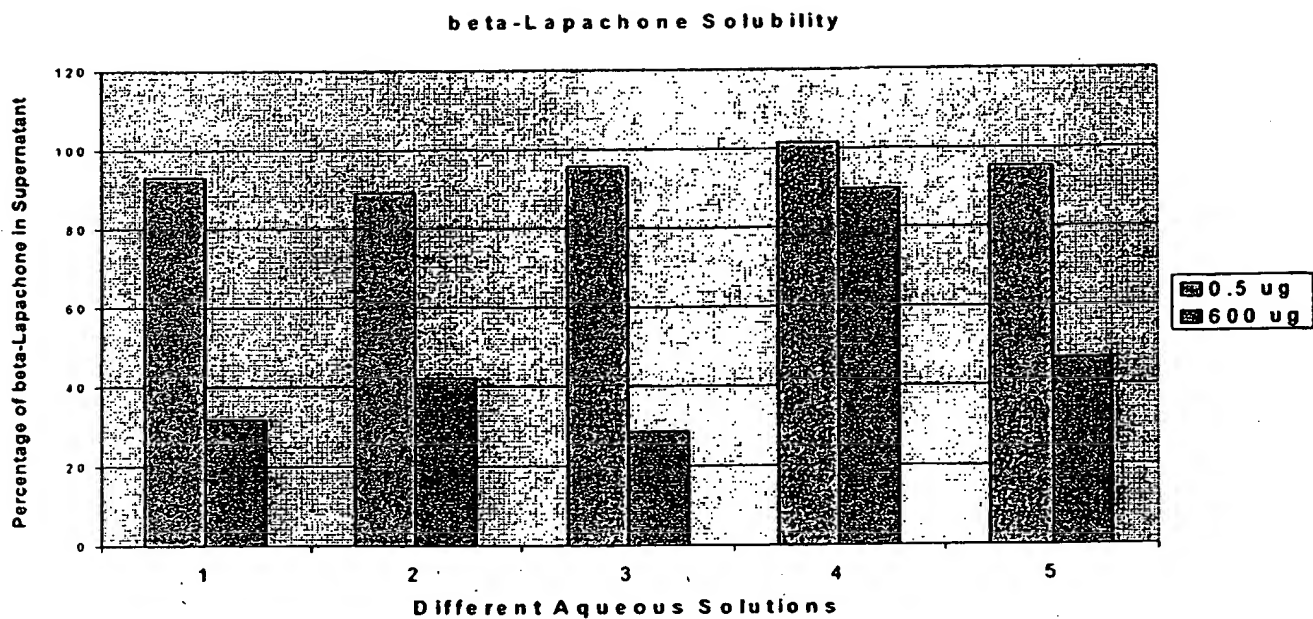


FIG. 1

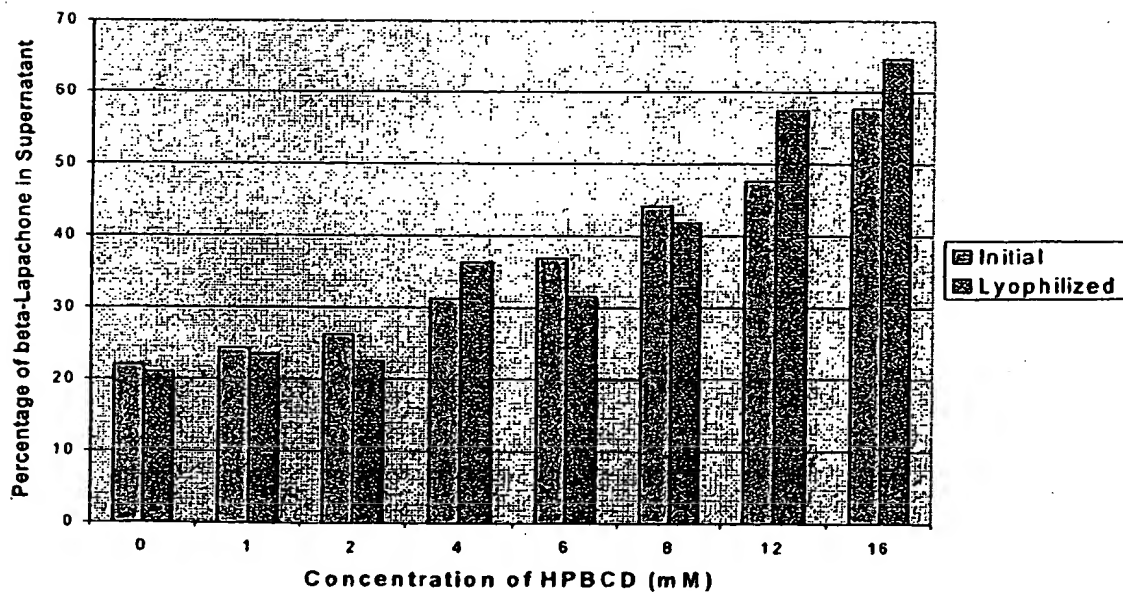


FIG. 2

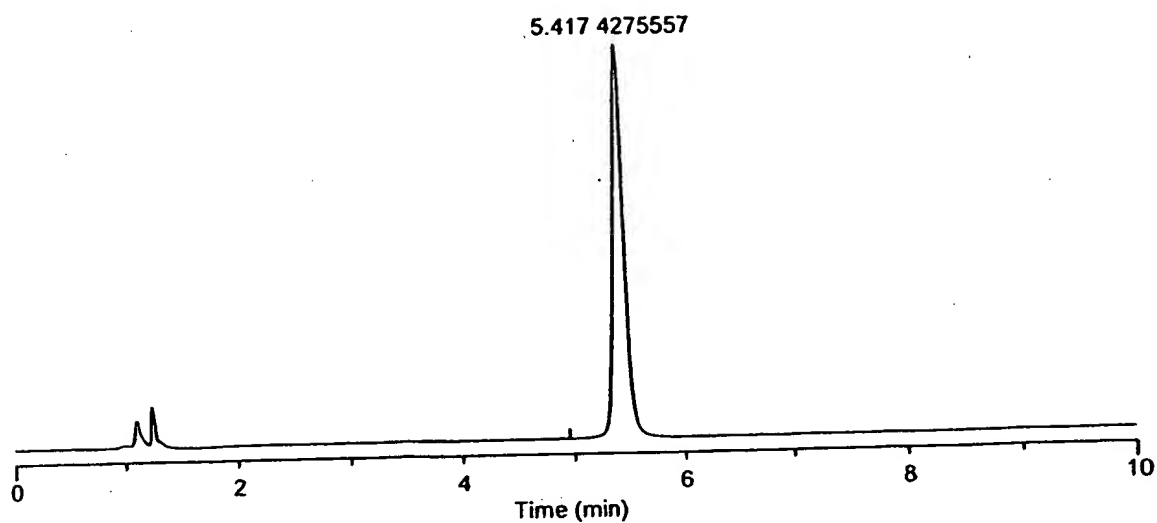


FIG. 3

Cell Line	Tissue Origins	Applied drug conc., μM		Colonies, percentage of controls		
		β -Lapachone	Taxol	β -Lapachone	Taxol	β -Lapachone + Taxol
A2780DDP	Ovary	2	0.2	77 (1.1)	39 (0.8)	0
MCF-7	Breast	4	0.1	46 (1.4)	45 (0.3)	0
21MT	Breast	4	0.1	56 (5.0)	63 (7.0)	0
Skmel-28	Melanoma	4	0.1	56 (1.4)	44 (5.1)	0
HT-29	Colon	4	0.1	42 (1.4)	64 (2.5)	0
ASPC-1	Pancreas	4	0.2	45 (1.9)	71 (0.8)	0
G480	Lung	4	0.2	32 (0.3)	39 (2.6)	2 (0.1)
DU145	Prostate	4	0.2	50 (2.2)	30 (0.9)	0

FIG. 4

β -Lap/Taxol Ratio % IC ₅₀	OVCAR-3 Cell Line		MDAH 2774 Cell Line	
	% Absorbance	Significance	% Absorbance	Significance
0/0	100		100	
100/0	61.2		51.2	
75/25	57.6	p < 0.05	30.5	p < 0.05
60/40	59.2		32.0	p < 0.05
50/50	54.9	p < 0.05	36.2	p < 0.05
40/60	54.3	p < 0.05	35.6	p < 0.05
25/75	55.8		39.2	p < 0.05
0/100	71.0		52.6	

FIG. 5

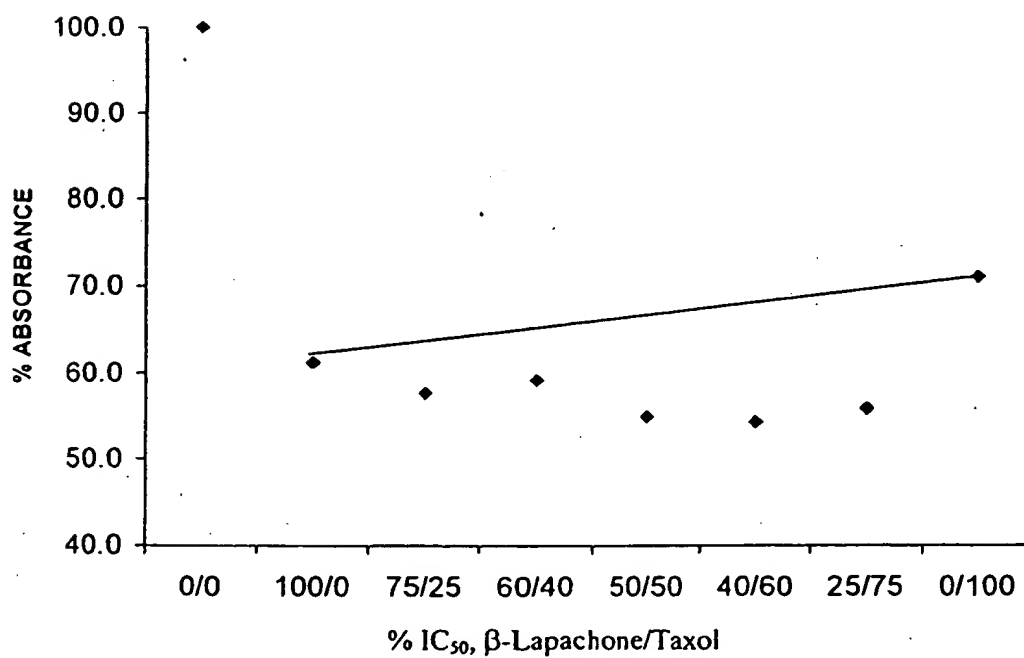


FIG. 6

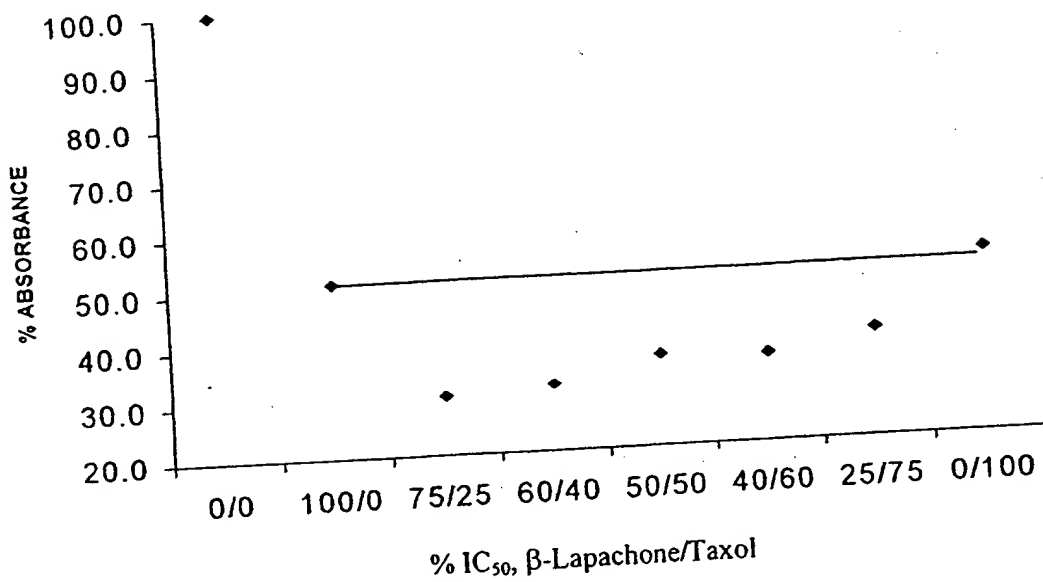


FIG. 7

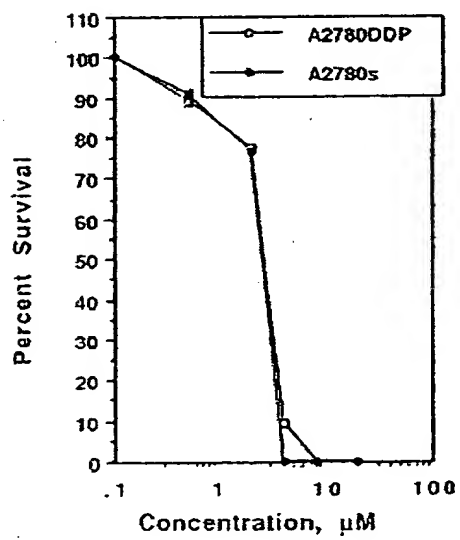


FIG. 8

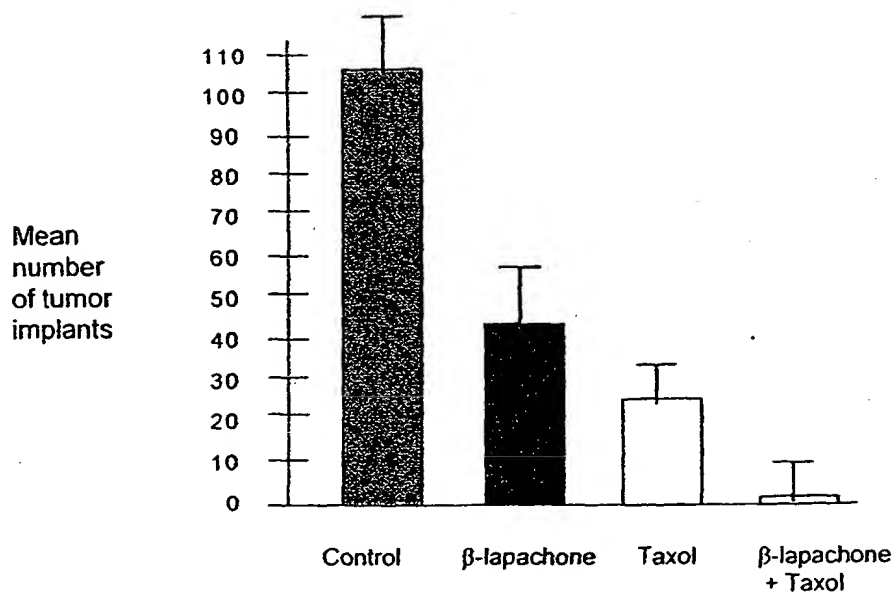


FIG. 9

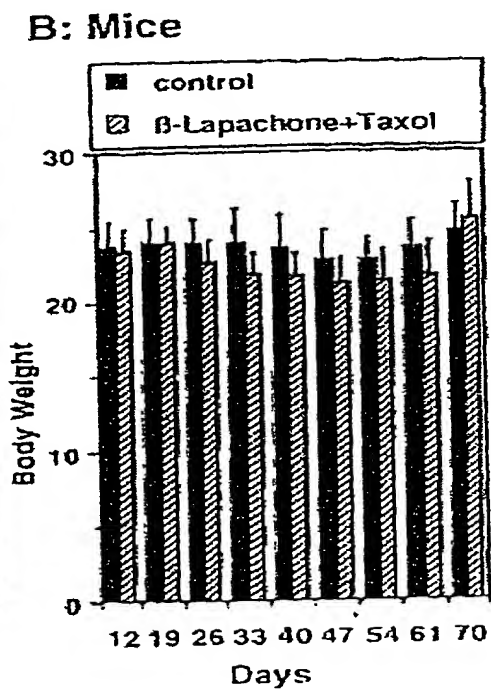
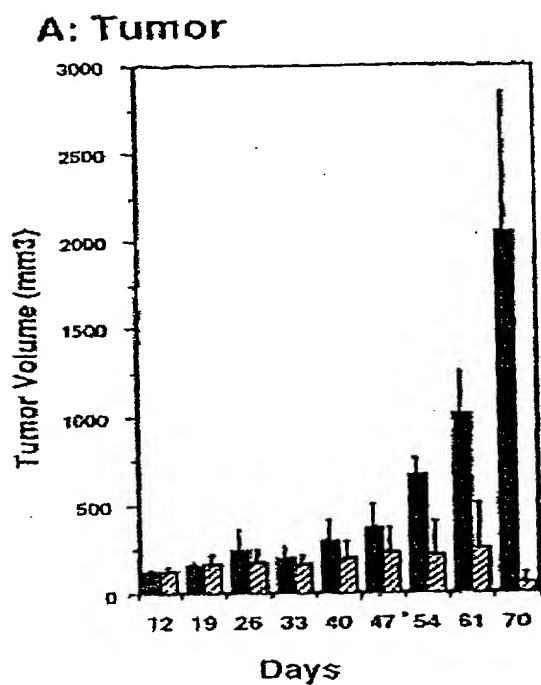


FIG. 10A

FIG. 10B